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ABSTRACT

The material in the publication is intended to acquaint users with the occupational composition of the various nonmanufacturing industries in the State of Indiana. It is directed particularly to those who are concerned with designing academic and vocational education programs in order to supply workers to fill the needs of industry and to anticipate replacement demand. Data for the five industry groups--(1) mining; (2) construction; (3) transportation, communication, electrical, gas, and sanitary services; (4) finance, insurance, and real estate; and (5) hotels, tourists courts, motels, and private lodging--are presented in tables which show the number currently employed and the percent each occupation or occupational group comprises of the total employment in an industry group. Information was obtained by surveying a sample of employers in each industry group using survey forms specifically designed for the industry. A short section explaining the methodology is included. (LJ)

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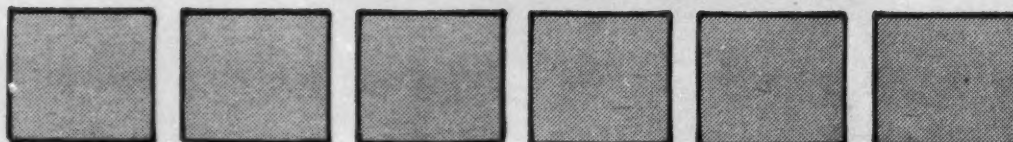


RESEARCH AND STATISTICS SECTION • INDIANA EMPLOYMENT SECURITY DIVISION

Indiana Labor Market

STAFFING PATTERNS
IN SELECTED
NONMANUFACTURING
INDUSTRIES

Occupational Employment Statistics program



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OCCUPATIONAL EMPLOYMENT STATISTICS PROGRAM

In Indiana the Occupational Employment Statistics program is conducted by the Indiana Employment Security Division in cooperation with the Bureau of Labor Statistics and Manpower Administration of the U.S. Department of Labor.

This is the first publication of nonmanufacturing data from this survey. Also available are a series of monographs of various manufacturing industries from the survey in this sector. Data from the wholesale and retail trade survey will be published in 1975.

Copies of this publication, as well as others from the OES program, are available by writing to the

*Indiana Employment Security Division
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OCCUPATIONAL EMPLOYMENT IN SELECTED NONMANUFACTURING INDUSTRIES

The material in this publication is intended to acquaint users with the occupational composition of the various nonmanufacturing industries in the State. It is directed particularly to those who are concerned with designing academic and vocational education programs to supply workers to fill the needs of industry.

The number and the occupational mix of the currently employed represent employers filled demand for workers under the circumstances prevailing at the time of the survey.

Separations from the labor force, due to retirement, death, or withdrawal from the labor force, average about four per cent a year for all occupations; some are much higher. ^{1/} Workers are also occupationally and geographically mobile. When they move from one occupation, or one area to another, replacement demand is created. Therefore, it is apparent that study of current occupational structure is necessary in order to anticipate replacement demand. In addition to replacement demand, industry growth and changes in occupational structure create demand. As the cycle of these surveys continues, we hope to be able to pinpoint changes in occupational structure and identify emerging and declining occupations.

The tables which follow are by industry group and show the number currently employed and the per cent each occupation or occupational group comprises of the total employment in an industry group. The information was obtained by survey of a sample of employers in each industry group using survey forms specifically designed for the industry. The range of possible error due to the sampling process is shown for each occupation. For instance, if employment of 210 and a range of 180 - 240 is shown for an occupation, the range indicates the difference from the 210 figure which may have resulted from the use of sample rather than from data from all employers.

The percentage of the occupation, or occupational group, is also presented for each industry so that occupations of numerical significance can be easily identified.

Not all industries were included in this "nonmanufacturing" survey. Specifically excluded were wholesale and retail trade, federal regulated industries, education services, agriculture, private households and government. The wholesale and retail trade has been surveyed separately and publication of this data will be forthcoming shortly.

Data for some industries surveyed could not be published because of insufficient response to the survey. As the surveys are repeated, it is hoped that more industries will respond and more data can be published.

INDIANA'S OCCUPATIONAL EMPLOYMENT STATISTICS PROGRAM

SELECTED NONMANUFACTURING INDUSTRIES

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OCCUPATIONAL EMPLOYMENT IN INDIANA'S BITUMINOUS COAL & LIGNITE MINING INDUSTRY - SIC 12

Establishments primarily engaged in producing bituminous coal or lignite.

An estimated 2990 employees work in the bituminous coal and lignite mining industries in Indiana. This constitutes 45 per cent of all mining industries employment in the State, as of June 1973. There are 49 establishments in this industry in Indiana. Over the past decade, employment in this sector of the State's economy has decreased 12.9 per cent, as compared to a 21.3 per cent decline for all mining industries for the same period.

OCCUPATION	JUNE 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	2990			100.0
<u>MANAGERS & OFFICERS</u>	<u>75</u>			<u>2.5</u>
<u>PROFESSIONAL OCCUPATIONS</u>	<u>125</u>			<u>4.2</u>
Chemists	15	15	20	0.5
Engineers, Mining	20	20	25	0.7
Engineers, Safety	15	15	15	0.5
Engineers, All Other	15	N/A		0.5
All Other Professional Workers	60	N/A		2.0
<u>TECHNICAL OCCUPATIONS</u>	<u>45</u>			<u>1.5</u>
Surveyors	25	20	25	0.8
All Other Technicians	20	N/A		0.7
<u>CLERICAL OCCUPATIONS</u>	<u>180</u>			<u>6.0</u>
General Clerk	25	10	45	0.8
Stock Clerk	50	45	55	1.7
All Other Clerical Workers	105	N/A		3.5
<u>SALES OCCUPATIONS</u>	<u>15</u>			<u>0.5</u>
Salespersons	15	N/A		0.5
<u>MINING & MAINTENANCE OCCUPATIONS</u>	<u>2540</u>			<u>85.0</u>
Foreman, Mining & Maintenance	155	140	170	5.2
Blaster	75	55	90	2.5
Crane, Derrick & Hoist Operator	145	130	160	4.9
Driller Machine Operator	95	75	110	3.2
Electrician	105	95	115	3.5
Heavy Equipment Operator	185	135	240	6.2
Machinist	50	45	55	1.7
Mechanics, Mine Machinery	155	140	170	5.2
Mechanics, All Other	90	N/A		3.0

OCCUPATION	JUNE 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
<u>MINING & MAINTENANCE OCCUPATIONS</u>				
<u>(Continued)</u>				
Oiler	130	120	140	4.3
Tipple Operator	130	110	150	4.3
Truck Drivers	305	265	340	10.2
Welders & Flamecutters	275	255	295	9.2
All Other Skilled Workers	30	N/A		1.0
All Other Semi-Skilled Workers	115	N/A		3.9
All Other Unskilled Workers	500	N/A		16.7
<u>SERVICE OCCUPATIONS</u>	<u>10</u>			<u>0.3</u>

OCCUPATIONAL EMPLOYMENT IN INDIANA'S MINING & QUARRYING OF NONMETALLIC MINERALS, EXCEPT FUELS - SIC 14

Establishments primarily engaged in mining or quarrying, developing mines, or exploring for nonmetallic minerals, except fuels.

An estimated 3280 employees work in the mining and quarrying of nonmetallic minerals, except fuels, industry. This constitutes 46.8 per cent of all mining industries employment in the State as of April 1973. Two hundred fourteen establishments account for the employment in mining and quarrying of nonmetallic minerals, except fuels. Over the past decade employment in this sector of the State economy has decreased 4.7 per cent, as compared to a 21.3 per cent decline for all mining industries for the same period.

OCCUPATION	APRIL 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	3280			100.0
<u>MANAGERS & OFFICERS</u>	<u>250</u>			<u>7.6</u>
Manager, Engineering	40	30	50	1.2
All Other Managers	210	N/A		6.4
<u>PROFESSIONAL & TECHNICAL OCCUPATIONS</u>	<u>70</u>			<u>2.1</u>
Accountants & Auditors	30	20	35	0.9
All Other Professional Workers	25	N/A		0.8
Technical Occupations	15	N/A		0.5
<u>CLERICAL OCCUPATIONS</u>	<u>320</u>			<u>9.8</u>
Accounting Clerk	20	15	30	0.6
Bookkeeper, Hand	20	10	30	0.6
Clerical Supervisor	20	10	30	0.6
General Clerk	95	75	115	2.9
Secretary	20	10	30	0.6
Weighter	110	90	130	3.4
All Other Clerical Workers	35	N/A		1.1
<u>SALES OCCUPATIONS</u>	<u>50</u>			<u>1.5</u>
Salespersons	50	40	65	1.5
<u>MINING & MAINTENANCE OCCUPATIONS</u>	<u>2540</u>			<u>77.3</u>
Foreman, Mining & Maintenance	50	40	65	1.5
Blaster	40	30	50	1.2
Channelling Machine Runner	30	20	45	0.9
Crane, Derrick & Hoist Operator	165	135	200	5.0
Dredge Operator	35	25	45	1.1
Drilling Machine	80	60	100	2.4
Heavy Equipment Operator	480	430	530	14.6
Maintenance Worker, General				
Utility	80	65	95	2.4

OCCUPATION	APRIL 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
<u>MINING & MAINTENANCE</u>				
<u>OCCUPATIONS (Continued)</u>				
Mechanic, Automotive	55	45	65	1.7
Mechanic, Mine Machinery	50	40	65	1.5
Mechanics, All Other	25	N/A		0.8
Mill or Grinder Operator	170	145	195	5.2
Production Helper	60	45	80	1.8
Quarry Worker	55	35	75	1.7
Sawyer (Stone)	35	20	50	1.1
Separator Tender	30	20	45	0.9
Truck Drivers	600	540	655	18.3
Welders & Flamecutters	50	40	65	1.5
All Other Skilled Workers	35	N/A		1.1
All Other Semi-Skilled Workers	175	N/A		5.3
All Other Unskilled Workers	240	N/A		7.3
<u>SERVICE OCCUPATIONS</u>				
Foreman, Nonworking Service	25	20	35	0.8
All Other Service Workers	25	N/A		0.8

**OCCUPATIONAL EMPLOYMENT IN INDIANA'S
GENERAL CONTRACTORS, EXCEPT BUILDINGS - SIC 16**

General contractors engaged in heavy construction, such as highways and streets, bridges, sewers, railroads, irrigation projects, flood control projects and marine construction, and miscellaneous types of construction works other than buildings.

An estimated 18,810 employees work in the general contract construction industry, excluding building construction, in Indiana. This constitutes 20.1 per cent of all contract construction employment in the State as of May, 1973. Nine hundred forty-nine establishments account for the employment in the nonbuilding contract construction industry.

OCCUPATION	MAY 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	18810			100.0
<u>MANAGERS & OFFICERS</u>	<u>1335</u>			<u>7.1</u>
Manager, Engineering	125	110	145	0.7
Superintendent, Construction	885	790	980	4.7
All Other Managers	325	N/A		1.7
<u>PROFESSIONAL OCCUPATIONS</u>	<u>640</u>			<u>3.6</u>
Accountants & Auditors	100	115	120	0.5
Cost Estimator	210	180	240	1.1
Engineer, Civil	120	100	140	0.6
Engineers, All Other	85	N/A		0.5
All Other Professional Workers & Technicians	165	N/A		0.9
<u>CLERICAL OCCUPATIONS</u>	<u>1065</u>			<u>5.6</u>
Bookkeeper, Hand	145	115	175	0.8
General Clerk	305	260	355	1.6
Payroll & Timekeeping Clerk	140	125	155	0.7
Secretary	140	60	220	0.7
All Other Clerical Workers	335	N/A		1.8
<u>CONSTRUCTION & MAINTENANCE OCCUPATIONS</u>	<u>15510</u>			<u>82.5</u>
Foreman, Construction & Maintenance	700	635	760	3.7
Asphalt Mixer	145	120	170	0.8
Bricklayer	70	50	95	0.4
Carpenter	500	430	575	2.7
Carpenter Helper	105	80	135	0.6
Cement Mason	170	140	195	0.9

OCCUPATION	MAY 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
<u>CONSTRUCTION & MAINTENANCE</u>				
<u>OCCUPATIONS (Continued)</u>				
Crane & Derrick Operator	305	250	355	1.6
Heavy Equipment Operator	4365	4120	4610	23.2
Lineman	275	205	340	1.5
Mechanic, Automotive	315	280	350	1.7
Mechanic, Engineering Equipment	240	215	270	1.3
Mechanic, Maintenance	105	85	125	0.6
Millwright	80	55	105	0.4
Pipelayer	230	170	295	1.2
Plumber & Pipefitter	555	450	655	2.9
Plumber & Pipetiffer Helper	95	65	130	0.5
Reinforcing - Iron Worker	180	130	230	1.0
Sewer Bottom Worker	135	90	180	0.7
Structural Steel Worker	415	295	540	2.2
Truck Drivers	1450	1320	1585	7.7
Welders & Flamecutters	215	170	265	1.1
All Other Helpers	285	N/A		1.5
All Other Skilled Workers	590	N/A		3.1
All Other Semi-Skilled Workers	905	N/A		4.8
All Other Unskilled Workers	3080	N/A		16.4
<u>SERVICE OCCUPATIONS</u>				
Foreman, Nonworking Service	105	85	130	0.6
All Other Service Workers	115	N/A		0.6

OCCUPATIONAL EMPLOYMENT IN INDIANA'S
PLUMBING, HEATING (Except Electrical), &
AIR CONDITIONING CONTRACTORS - SIC 171

Special trade contractors primarily engaged in heating (except electric), plumbing, air conditioning, and similar work, or any combination of these types of work.

An estimated 10,690 employees work in the plumbing, heating (except electric), and air conditioning industry in Indiana. This constitutes 13.3 per cent of all contract construction employment in the State as of May 1973. Twelve hundred ninety-five establishments account for the employment in plumbing, heating (except electrical), and air conditioning.

OCCUPATION	MAY 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	10690			100.0
<u>MANAGERS & OFFICERS</u>	<u>380</u>			<u>3.5</u>
Superintendent, Construction	165	145	185	1.5
All Other Managers	215	N/A		2.0
<u>PROFESSIONAL OCCUPATIONS</u>	<u>410</u>			<u>3.8</u>
Cost Estimator	270	245	300	2.5
Engineer, Mechanical	100	85	115	0.9
All Other Professional	40	N/A		0.4
<u>TECHNICAL OCCUPATIONS</u>	<u>45</u>			<u>0.4</u>
Draftsman	45	40	50	0.4
<u>CLERICAL OCCUPATIONS</u>	<u>1195</u>			<u>11.2</u>
Bookkeeping & Billing				
Machine Operator	65	40	85	0.6
Bookkeeper, Hand	250	220	280	2.3
General Clerk	425	355	490	4.0
Payroll & Timekeeping Clerk	80	60	100	0.7
Secretary	265	225	300	2.5
Typist	70	55	85	0.7
All Other Clerical Workers	40	N/A		0.4
<u>SALES OCCUPATIONS</u>	<u>255</u>			<u>2.4</u>
Salespersons	255	215	295	2.4
<u>CONSTRUCTION & MAINTENANCE OCCUPATIONS</u>	<u>8390</u>			<u>78.5</u>
Foreman, Construction & Maintenance	300	265	335	2.8

OCCUPATION	MAY 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
<u>CONSTRUCTION & MAINTENANCE</u>				
<u>OCCUPATIONS (Continued)</u>				
Carpenter	80	70	95	0.7
Electrician	165	120	210	1.5
Furnace Installer & Repair	1135	985	1280	10.6
Heavy Equipment Operator	210	170	250	2.0
Mechanic, Refrigeration	790	700	880	7.4
Mechanics, All Other	60	N/A		0.6
Oil Burner Installer	110	80	140	1.0
Plumber/Pipefitter	3480	3280	3685	32.6
Plumber/Pipefitter Helper	405	335	475	3.8
Sheet Metal Worker	955	805	1105	8.9
Truck Drivers	70	55	85	0.7
Welders & Flamecutters	225	195	250	2.1
All Other Helpers, Construction	70	N/A		0.7
All Other Skilled Workers	100	N/A		0.9
All Other Semi-Skilled Workers	105	N/A		1.0
All Unskilled Workers	130	N/A		1.2
<u>SERVICE OCCUPATIONS</u>	<u>15</u>			<u>0.1</u>
Service Workers	15	N/A		0.1

OCCUPATIONAL EMPLOYMENT IN INDIANA'S ELECTRICAL WORK CONTRACTORS - SIC 173

*Contractors primarily engaged in electrical work
at the site.*

An estimated 8290 employees work in the electrical contract construction industry in Indiana. This constitutes 10.8 per cent of all contract construction employment in the State as of May 1973. Seven hundred thirty-three establishments account for the employment in electrical work.

OCCUPATION	MAY 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	8290			100.0
<u>MANAGERS & OFFICERS</u>	<u>260</u>			<u>3.2</u>
Superintendent, Construction	130	105	150	1.6
All Other Managers	130	N/A		1.6
<u>PROFESSIONAL OCCUPATIONS</u>	<u>420</u>			<u>5.0</u>
Accountants & Auditors	55	45	65	0.7
Cost Estimator	185	165	205	2.2
Engineer, Electrical	95	75	115	1.1
Purchasing Agent/Buyer	85	75	95	1.0
<u>TECHNICAL OCCUPATIONS</u>	<u>65</u>			<u>0.8</u>
Technicians	65	45	90	0.8
<u>CLERICAL OCCUPATIONS</u>	<u>625</u>			<u>7.6</u>
Bookkeeper, Hand	70	55	85	0.8
General Clerk	290	245	335	3.5
Payroll & Timekeeping Clerk	55	45	65	0.7
Receptionist	30	20	45	0.4
Secretary	115	95	135	1.4
All Other Clerical Workers	65	N/A		0.8
<u>SALES OCCUPATIONS</u>	<u>75</u>			<u>0.9</u>
Salespersons	75	60	90	0.9
<u>CONSTRUCTION & MAINTENANCE OCCUPATIONS</u>	<u>6820</u>			<u>82.3</u>
Foreman, Construction & Maintenance	355	315	395	4.3
Electrician	5580	5440	5725	67.3
Electrician Helper	375	290	465	4.5
Lineman	40	20	60	0.5

OCCUPATION	MAY 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
<u>CONSTRUCTION & MAINTENANCE</u>				
<u>OCCUPATIONS (Continued)</u>				
Mechanic, Maintenance	75	45	105	0.9
Mechanics, All Other	25	N/A		0.3
Truck Drivers	45	35	55	0.5
All Other Skilled Workers	170	N/A		2.1
All Other Semi-Skilled Workers	90	N/A		1.1
All Other Unskilled Workers	65	N/A		0.8
<u>SERVICE OCCUPATIONS</u>				
Janitors, Porters & Cleaners	25	10	40	0.3

OCCUPATIONAL EMPLOYMENT IN INDIANA'S TAXICABS - SIC 412

Companies primarily engaged in furnishing passenger transportation by automobiles not operated on regular schedules or between fixed terminals.

An estimated 1435 employees work in the operation of taxicabs in Indiana. This constitutes 1.8 per cent of all transportation, communications, utility, and sanitary services employment in the State as of June 1973. Seventy-five establishments account for the employment in taxicabs. Over the past decade employment in this sector of the State economy has decreased 25.0 per cent, as compared to a 30.9 per cent increase for all transportation, communications, utilities and sanitary services industries for the same period.

OCCUPATION	JUNE 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	1435			100.0
<u>MANAGERS & OFFICERS</u>	<u>70</u>			<u>4.9</u>
<u>CLERICAL OCCUPATIONS</u>	<u>255</u>			<u>17.7</u>
Switchboard Operator	40	35	50	2.8
Taxicab Starter	170	150	190	11.8
All Other Clerical Workers	45	N/A		3.1
<u>TRANSPORTATION & MAINTENANCE OCCUPATIONS</u>	<u>1110</u>			<u>77.4</u>
Foreman, Transportation & Maintenance	20	15	30	1.4
Taxi Driver	1010	975	1045	70.4
Mechanic, Automotive	50	40	60	3.5
All Other Skilled Workers	10	N/A		0.7
All Other Unskilled Workers	20	N/A		1.4

OCCUPATIONAL EMPLOYMENT IN INDIANA'S
RADIO BROADCASTING & TELEVISION - SIC 483

Stations primarily engaged in activities involving the dissemination by radio to the public of aural programs; or of visual programs, consisting of moving or still objects, usually accompanied by an aural signal (consisting of voice and music or the like).

An estimated 3060 employees work in the radio broadcasting and television industry in Indiana. This constitutes 3.6 per cent of all transportation, communications, utility, and sanitary services employment in the State as of May 1973. One hundred twenty-two establishments account for the employment in radio broadcasting and television. Over the past decade employment in this sector of the State economy has increased 52.9 per cent, as compared to a 30.9 per cent increase for all transportation, communications, utilities, and sanitary services industries for the same period.

OCCUPATION	MAY 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	3060			100.0
<u>MANAGERS & OFFICERS</u>	<u>310</u>			<u>10.1</u>
<u>PROFESSIONAL OCCUPATIONS</u>	<u>1530</u>			<u>49.9</u>
Accountants & Auditors	20	15	25	0.7
Announcer	615	570	665	20.1
Broadcast News Analyst	200	175	225	6.5
Commercial Artist	30	25	40	1.0
Editor/Writer	100	85	115	3.3
Engineer, Electrical	135	105	165	4.4
Film Editor	35	25	40	1.1
Photographer	65	5	75	2.1
Reporters & Correspondents	160	130	190	5.2
Technical Director	50	30	75	1.6
Television Cameraman	85	70	100	2.8
All Other Professional Workers	35	N/A		1.1
<u>TECHNICAL OCCUPATIONS</u>	<u>290</u>			<u>9.5</u>
Broadcast Technician	260	230	285	8.5
All Other Engineering Technicians	30	N/A		1.0
<u>CLERICAL OCCUPATIONS</u>	<u>500</u>			<u>16.3</u>
Accounting Clerk	20	15	25	0.7
Bookkeeping & Billing				
Machine Operator	25	15	35	0.8
Bookkeeper, Hand	55	40	65	1.8

OCCUPATION	MAY 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
<u>CLERICAL OCCUPATIONS</u>				
<u>(Continued)</u>				
Secretary	145	130	160	4.7
Switchboard Operator & Receptionist	55	50	65	1.8
Traffic Clerk	105	95	115	3.4
Typist	40	30	50	1.3
All Other Clerical Workers	55	N/A		1.8
<u>SALES OCCUPATIONS</u>				
Salespersons	355	325	385	11.6
<u>MAINTENANCE OCCUPATIONS</u>				
Maintenance Workers	15	N/A		0.5
<u>SERVICE OCCUPATIONS</u>				
Janitors, Porters & Cleaners	50	40	55	1.6
All Other Service Workers	10	N/A		0.3

OCCUPATIONAL EMPLOYMENT IN INDIANA'S ELECTRIC, GAS & COMBINED SERVICE COMPANIES - SIC 491, 492 & 493

Companies engaged in the generation, storage, transmission and/or distribution of electric energy and/or natural gas for sale.

An estimated 18,490 employees work in the electric, gas, and combined service systems industries in Indiana. This constitutes 22.3 per cent of all transportation, communications, utility, and sanitary services employment in the State as of April 1973. Two hundred six establishments account for the employment in electric, gas, and combined services industries. Over the past decade employment in this sector of the State economy has increased 23.2 per cent, as compared to a 30.9 per cent rise for all transportation, communications, utilities, and sanitary services industries for the same period.

OCCUPATION	APRIL 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	18490			100.0
<u>MANAGERS & OFFICERS</u>	<u>1450</u>			<u>7.8</u>
Manager, Engineering	155	120	190	0.8
All Other Managers	1295	N/A		7.0
<u>PROFESSIONAL OCCUPATIONS</u>	<u>710</u>			<u>3.9</u>
Accountants & Auditors	110	90	130	0.6
Engineer, Electrical	270	240	295	1.5
All Other Professional Workers	330	N/A		1.8
<u>TECHNICAL OCCUPATIONS</u>	<u>370</u>			<u>2.0</u>
Electrical & Electronic Technicians	145	115	180	0.8
All Other Technicians	225	N/A		1.2
<u>CLERICAL OCCUPATIONS</u>	<u>3920</u>			<u>21.2</u>
Clerical Supervisor	120	75	165	0.6
Accounting Clerk	145	80	210	0.8
Bookkeeping & Billing Machine Operator	170	125	210	0.9
Bookkeeper, Hand	180	145	210	1.0
Cashier	360	205	520	1.9
File Clerk	95	85	105	0.5

OCCUPATION	APRIL 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
<u>CLERICAL OCCUPATIONS</u>				
<u>(Continued)</u>				
General Clerk	695	630	765	3.8
Keypunch Operator	110	80	135	0.6
Meter Reader	560	365	755	3.0
Office Machine Operators, All Other	95	N/A		0.5
Secretary	215	180	250	1.2
Stenographer	145	140	150	0.8
Stock Clerk	215	195	235	1.2
Switchboard Operator & Receptionist	75	60	90	0.4
Typist	85	75	95	0.5
All Other Clerical Workers	655	N/A		3.5
<u>SALES OCCUPATIONS</u>	<u>140</u>			<u>0.8</u>
Salespersons	130	125	140	0.7
All Other Sales Occupations	10	N/A		0.1
<u>OPERATION & MAINTENANCE</u>				
<u>OCCUPATIONS</u>	<u>11380</u>			<u>61.6</u>
Foreman, Operation & Maintenance	885	745	1025	4.8
Auxiliary Equipment Operator	380	305	455	2.1
Control Room Operator	160	125	190	0.9
Corrosion Control Fitter	90	45	130	0.5
Crane & Derrick Operator	200	145	250	1.1
Electrician	285	230	345	1.5
Electric Meter Installer	280	255	310	1.5
Groundman	390	345	435	2.1
Heavy Equipment Operator	160	135	190	0.9
Helper, Skill Trades (Electrician, Plumber, etc.)	650	540	760	3.5
Household Appliance Repairman	610	450	770	3.3
Instrument Repairman	175	145	205	0.9
Lineman	1515	1395	1630	8.2
Machinist	215	140	295	1.2
Maintenance Man, General Utility	255	180	335	1.4
Mechanic, Automotive	710	95	125	0.6
Mechanic, Hydroelectric Machine	295	270	315	1.6
Mechanic, Maintenance	505	160	850	2.7
Mechanic, All Other	150	N/A		0.8
Plumber & Pipefitter	790	575	1010	4.3
Switchboard Operator, Generating Plant	100	60	140	0.5
Turbine Operator	280	180	380	1.5
Welders & Flamecutters	380	330	430	2.1
All Other Skilled Workers	595	N/A		3.2
All Other Semi-Skilled Workers	1425	N/A		7.7

<u>OCCUPATION</u>	<u>APRIL 1973 EMPLOYMENT</u>	<u>RANGE OF ACCURACY</u>	<u>PER CENT OF TOTAL</u>
<u>OPERATION & MAINTENANCE</u>			
<u>OCCUPATIONS (Continued)</u>			
All Other Unskilled Workers	500	N / A	2.7
<u>SERVICE OCCUPATIONS</u>			
	<u>520</u>		<u>2.8</u>
Janitors, Porters & Cleaners	440	395 490	2.4
All Other Service Workers	80	N/A	0.4

**OCCUPATIONAL EMPLOYMENT IN INDIANA'S
WATER SUPPLY SYSTEMS & SANITARY SERVICES - SIC 494 & 495**

Systems primarily engaged in distributing water for sale for domestic, commercial, and industrial use, or systems primarily engaged in furnishing sanitary services.

An estimated 2490 employees work in the water supply and sanitary services industries in Indiana. This constitutes 2.6 per cent of all transportation, communication, utility, and sanitary services employment in the State as of April 1973. Two hundred fifty establishments account for the employment in water supply and sanitary services industries. Over the past decade employment in this sector of the State economy has increased 88.3 per cent as compared to a 30.9 per cent increase for all transportation, communications, utilities, and sanitary services industries for the same period.

OCCUPATION	APRIL 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	2490			100.0
<u>MANAGERS & OFFICERS</u>	<u>270</u>			<u>10.8</u>
Manager, Engineering	35	30	45	1.4
Managers & Officers	160	130	190	6.4
All Other Managers	75	N/A		3.0
<u>PROFESSIONAL, TECHNICAL OCCUPATIONS</u>	<u>55</u>			<u>2.2</u>
Accountants & Auditors	15	15	20	0.6
All Other Professional Workers	30	N/A		1.2
All Other Technical Workers	10	N/A		0.4
<u>CLERICAL OCCUPATIONS</u>	<u>455</u>			<u>18.2</u>
Cashier	35	20	50	1.4
General Clerk	135	120	155	5.4
Meter Reader	100	75	125	4.0
Secretary	65	45	80	2.6
All Other Clerical Workers	120	N/A		4.8
<u>SALES OCCUPATIONS</u>	<u>30</u>			<u>1.2</u>
All Other Sales Workers	30	N/A		1.2
<u>OPERATION & MAINTENANCE OCCUPATIONS</u>	<u>1625</u>			<u>65.1</u>
Foreman, Operation & Maintenance	65	50	80	2.6
Crane & Derrick Operator	25	15	30	1.0
Heavy Equipment Operator	115	75	155	4.6
Helper, Trades (Skill Crafts)	75	55	100	3.0
Instrument Repairmen	15	15	20	0.6

OCCUPATION	APRIL 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
<u>OPERATION & MAINTENANCE</u>				
<u>OCCUPATIONS</u>				
Maintenance Worker, General Utility	100	70	125	4.0
Mechanic, Automotive	90	70	105	3.6
Mechanics, All Other	45	N/A		1.8
Refuse Collector	230	185	270	9.2
Truck Drivers	460	390	535	18.5
Water Treatment Plant Operator	90	40	145	3.6
Waterworks Pump Station	30	25	35	1.2
All Other Skilled Workers	105	N/A		4.2
All Other Semi-Skilled Workers	75	N/A		3.0
All Other Unskilled Workers	105	N/A		4.2
<u>SERVICE OCCUPATIONS</u>	<u>55</u>			<u>2.2</u>
Janitors, Porters & Cleaners	25	20	35	1.0
All Other Service Workers	30	N/A		1.2

OCCUPATIONAL EMPLOYMENT IN INDIANA'S BANKING INDUSTRY - SIC 60

Comprises institutions which are engaged in deposit banking or closely related functions, including fiduciary activities.

An estimated 24,935 employees work in the banking industry in Indiana. This constitutes 32.4 per cent of all finance, insurance, and real estate employment in the State as of June 1973. Four hundred fifteen establishments account for the employment in the banking industry. Over the past decade employment in this sector of the State economy has increased 61.8 per cent, as compared to an increase of 44.4 per cent for all finance, insurance, and real estate industries for the same period.

OCCUPATION	JUNE 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	24935			100.0
<u>MANAGERS & OFFICERS</u>	<u>4890</u>			<u>19.6</u>
Bank Cashier	295	280	305	1.2
Branch Bank Manager	700	685	720	2.8
Loan Officer	1225	1190	1260	4.9
Operations Officer	300	280	320	1.2
Trust Officer	380	365	395	1.5
All Other Managers	1990	N/A		8.0
<u>PROFESSIONAL OCCUPATIONS</u>	<u>1090</u>			<u>4.4</u>
Accountants & Auditors	295	280	310	1.2
Credit Analyst	115	105	125	0.5
All Other Professional Workers	680	N/A		2.7
<u>TECHNICAL OCCUPATIONS</u>	<u>175</u>			<u>0.7</u>
Computer Programmer	175	155	195	0.7
<u>CLERICAL OCCUPATIONS</u>	<u>17395</u>			<u>69.7</u>
Clerical Supervisor	460	435	480	1.8
Clerks, All Office	3435	N/A		13.7
Clerk, Accounting	(510)	485	540	(2.0)
Clerk, Checking	(120)	105	130	(0.5)
Clerk, File	(415)	385	440	(1.7)
Clerk, General	(1620)	1535	1705	(6.5)
Clerk, Insurance	(110)	95	125	(0.4)
Clerk, Safe Deposit	(180)	170	190	(0.7)
Clerk, Statement	(370)	340	405	(1.5)
Clerk, Transit	(110)	95	125	(0.4)

OCCUPATION	JUNE 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
<u>CLERICAL OCCUPATIONS</u>				
<u>(Continued)</u>				
Office Machine Operators	2215	N/A		8.9
Bookkeeping & Billing Machine Operator	(370)	325	420	(1.5)
Computer Operator	(230)	220	240	(0.9)
Keypunch Operator	(385)	365	405	(1.5)
Proof Machine Operator	(990)	965	1020	(4.0)
All Other Office Machine Operator	(240)	N/A		(1.0)
Tellers, All	6905	N/A		27.7
Teller, Head	(270)	255	290	(1.1)
Teller	(6255)	6170	6340	(25.1)
Teller, New Accounts	(380)	360	395	(1.5)
Bookkeeper, Hand	415	375	460	1.7
Collector	375	355	390	1.5
Messenger, Bank	100	95	105	0.4
Secretary	1030	995	1065	4.1
Stenographer	195	185	205	0.8
Switchboard Operator & Receptionist	210	200	220	0.9
Typist	455	430	480	1.8
All Other Clerical Workers	1600	N/A		6.4
<u>SALES OCCUPATIONS</u>				
Salespersons	140	115	160	0.6
<u>MAINTENANCE OCCUPATIONS</u>				
Maintenance Workers	110	N/A		0.4
<u>SERVICE OCCUPATIONS</u>				
Guards & Watchmen	175	160	185	0.7
Janitors, Porters & Cleaners	865	830	900	3.5
All Other Service Workers	95	N/A		0.4

OCCUPATIONAL EMPLOYMENT IN INDIANA'S
CREDIT AGENCIES OTHER THAN BANKS SIC - 61

*Establishments engaged in extending credit in the form of loans
but not engaged in deposit banking.*

An estimated 11,995 employees work in the credit agencies (other than banks) industry. This constitutes 14.7 per cent of all finance, insurance, and real estate employment in the State as of June 1973. One thousand ninety-eight establishments account for the employment in credit agencies (nonbanking). Over the past decade employment in this sector of the State economy has increased 15.7 per cent, as compared to a 44.4 per cent rise for all finance, insurance, and real estate industries for the same period.

OCCUPATION	JUNE 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	11995			100.0
<u>MANAGERS & OFFICERS</u>	<u>3535</u>			<u>29.5</u>
Branch Manager	225	185	270	1.9
Cashier	65	40	85	0.5
Loan Officer	1270	1145	1400	10.6
Operations Officer	110	95	125	0.9
All Other Managers	1865	N/A		15.6
<u>PROFESSIONAL OCCUPATIONS</u>	<u>585</u>			<u>4.9</u>
Accountants & Auditors	245	185	305	2.0
Credit Analyst	165	140	190	1.4
All Other Professional Workers	175	N/A		1.5
<u>TECHNICAL OCCUPATIONS</u>	<u>40</u>			<u>0.3</u>
Computer Programmer	40	35	45	0.3
<u>CLERICAL OCCUPATIONS</u>	<u>7160</u>			<u>59.7</u>
Clerical Supervisor	95	75	110	0.8
Clerks, All Office	2020	N/A		16.9
Clerk, Accounting	(390)	325	455	(3.3)
Clerk, File	(155)	135	175	(1.3)
Clerk, General	(1390)	1270	1510	(11.6)
Clerk, Insurance	(85)	70	95	(0.7)
Bookkeeping & Billing Machine				
Operator	55	45	65	0.5
Bookkeeper, Hand	320	265	375	2.7
Cashier	805	680	925	6.7
Collector	785	715	850	6.5
Computer Operator	85	70	100	0.7
Keypunch Operator	85	60	110	0.7

OCCUPATION	JUNE 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
<u>CLERICAL OCCUPATIONS</u>				
<u>(Continued)</u>				
Secretary	610	545	690	5.1
Stenographer	75	60	95	0.6
Switchboard Operator & Receptionist	100	90	110	0.8
Teller	1335	1235	1440	11.1
Teller, Head	115	100	135	1.0
Typist	310	270	350	2.6
All Other Clerical Workers	365	N/A		3.0
<u>SALES OCCUPATIONS</u>				
Salespersons	135	105	165	1.1
<u>SERVICE OCCUPATIONS</u>				
Janitors, Porters, & Cleaners	455	415	495	3.8
All Other Service Workers	85	N/A		0.7

OCCUPATIONAL EMPLOYMENT IN INDIANA'S LIFE INSURANCE COMPANIES SIC - 631

Carriers primarily engaged in underwriting life insurance owned by stockholders and by policy holders.

An estimated 10,800 employees work in the life insurance industry. This constitutes 14.4 per cent of all finance, insurance, and real estate employment in the State as of June 1973. Two hundred ninety-eight establishments account for the employment in life insurance companies. Over the past decade employment in this sector of the State economy has increased 18.9 per cent, as compared to a 44.4 per cent rise for all finance, insurance, and real estate industries for the same period.

OCCUPATION	JUNE 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	10800			100.0
<u>MANAGERS & OFFICERS</u>	<u>1340</u>			<u>12.4</u>
Manager, Insurance Office	560	505	615	5.2
All Other Managers	780	N/A		7.2
<u>PROFESSIONAL OCCUPATIONS</u>	<u>660</u>			<u>6.2</u>
Accountants and Auditors	55	50	65	0.5
Actuary	60	55	65	0.6
Claims Examiner	95	80	110	0.9
Investigator	40	25	60	0.4
Lawyer	45	40	45	0.4
Systems Analyst, Electronic Data	50	50	55	0.5
Underwriter	120	105	135	1.1
All Other Professional Workers	195	N/A		1.8
<u>TECHNICAL OCCUPATIONS</u>	<u>115</u>			<u>1.1</u>
Computer Programmer	115	110	125	1.1
<u>CLERICAL OCCUPATIONS</u>	<u>4635</u>			<u>42.9</u>
Clerical Supervisor	300	280	320	2.8
Clerks, All Office	1930			17.9
Clerk, Accounting	(295)	275	310	(2.7)
Clerk, Actuarial	(65)	60	70	(0.6)
Clerk, Claims	(60)	50	70	(0.6)
Clerk, Correspondence	(70)	65	80	(0.6)
Clerk, File	(190)	165	210	(1.8)
Clerk, General	(1190)	1125	1260	(11.0)
Clerk, Policy Change	(60)	55	65	(0.6)
Bookkeeper, Hand	55	45	65	0.5

OCCUPATION	JUNE 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
<u>CLERICAL OCCUPATIONS</u>				
<u>(Continued)</u>				
Cashier	145	130	160	1.3
Claim Adjuster	90	65	110	0.8
Computer Operator	60	55	65	0.6
Keypunch Operator	120	110	130	1.1
Office Machine Operators, All Other	110	N/A		1.0
Rater	85	75	95	0.8
Secretary	530	490	565	4.9
Stenographer	190	165	210	1.8
Typist	465	440	490	4.3
All Other Clerical Workers	555	N/A		5.1
<u>SALES OCCUPATIONS</u>				
	3760			34.8
Salespersons, Insurance	3650	3460	3845	33.8
All Other Salespersons	110	N/A		1.0
<u>MAINTENANCE OCCUPATIONS</u>				
	135			1.3
Maintenance Worker, General Utility	50	50	55	0.5
All Other Skilled Workers	40	N/A		0.4
All Other Unskilled Workers	45	N/A		0.4
<u>SERVICE OCCUPATIONS</u>				
	155			1.4
Food Service Workers	65	60	65	0.6
Janitors, Porters & Cleaners	90	80	100	0.8

OCCUPATIONAL EMPLOYMENT IN INDIANA'S FIRE, MARINE & CASUALTY INSURANCE COMPANIES SIC - 633

*Carriers primarily engaged in underwriting fire, marine,
and casualty insurance.*

An estimated 9755 employees work in the fire, marine, and casualty insurance industry. This constitutes 12.6 per cent of all finance, insurance, and real estate employment in the State as of June 1973. One hundred seventy-two establishments account for the employment in fire marine and casualty insurance companies. Over the past decade employment in this sector of the State economy has increased 23.7 per cent, as compared to 44.4 per cent rise for all finance, insurance, and real estate industries for the same period.

OCCUPATION	JUNE 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	9755			100.0
<u>MANAGERS & OFFICERS</u>	<u>1065</u>			<u>10.9</u>
Manager, Insurance Office	500	450	550	5.1
All Other Managers	565	N/A		5.8
<u>PROFESSIONAL & TECHNICAL OCCUPATIONS</u>	<u>1715</u>			<u>17.6</u>
Accountants & Auditors	115	110	125	1.2
Claims Examiner	375	355	395	3.8
Computer Programmer	105	100	110	1.1
Engineer, Safety	45	40	50	0.5
Investigator	175	155	195	1.8
Safety Person	85	60	115	0.9
Underwriter	615	585	640	6.3
All Other Professional Workers	175	N/A		1.8
All Other Technical Workers	25	N/A		1.3
<u>CLERICAL OCCUPATIONS</u>	<u>5920</u>			<u>60.8</u>
Clerical Supervisor	300	290	315	3.1
Clerks, All Office	1840			18.9
Clerk, Accounting	(200)	185	215	(2.0)
Clerk, Claims	(260)	240	280	(2.7)
Clerk, File	(565)	545	585	(5.8)
Clerk, General	(640)	595	680	(6.6)
Clerk, Policy Change	(60)	35	90	(0.6)
Clerk, Stock	(55)	35	60	(0.6)
Clerk, Worksheet	(60)	40	80	(0.6)

OCCUPATION	JUNE 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
<u>CLERICAL OCCUPATIONS</u>				
<u>(Continued)</u>				
Office Machine Operators	420	40	80	4.3
Bookkeeping & Billing Machine Operator	(65)	45	85	(0.7)
Computer Operator	(50)	45	50	(0.5)
Keypunch Operator	(180)	165	190	(1.8)
Peripheral EDP Machine Operator	(55)	50	55	(0.6)
All Other Office Machine Operators	(70)	N/A		(0.7)
Cashier	45	40	50	0.5
Claim Adjuster	760	705	815	7.8
Rater	630	600	660	6.5
Secretary	470	430	510	4.8
Stenographer	225	215	230	2.3
Switchboard Operator & Receptionist	50	50	55	0.5
Typist	700	665	730	7.2
All Other Clerical Workers	480	N/A		4.9
<u>SALES OCCUPATIONS</u>				
	895			9.2
Salesperson, Insurance	825	775	875	8.5
All Other Salespersons	70	N/A		0.7
<u>SERVICE OCCUPATIONS</u>				
	120			1.2
Janitors, Porters & Cleaners	95	85	100	1.0
All Other Service Workers	25	N/A		0.3
<u>MAINTENANCE OCCUPATIONS</u>				
	40			0.4
All Maintenance Workers	40	N/A		0.4

**OCCUPATIONAL EMPLOYMENT IN INDIANA'S
ACCIDENT, HEALTH, SURETY, TITLE, & OTHER INSURANCE COMPANIES
SIC - 632, 635, 636 & 639**

*This group comprises insurance carriers of all types except
life and casualty insurance.*

An estimated 3260 employees work in accident, health, surety, title, and other insurance companies. This constitutes 4.3 per cent of all finance, insurance, and real estate employment in the State as of June 1973. One hundred five establishments account for the employment in accident, health, surety, title, and other insurance companies. Over the past decade employment in this sector of the State economy has increased 102.1 per cent, as compared to a 44.4 per cent rise for all finance, insurance, and real estate industries for the same period.

OCCUPATION	JUNE 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	3260			100.0
<u>MANAGERS & OFFICERS</u>	<u>245</u>			<u>7.5</u>
Manager, Insurance Office	110	75	140	3.4
All Other Managers	135	115	155	4.1
<u>PROFESSIONAL OCCUPATIONS</u>	<u>455</u>			<u>14.0</u>
Accountants & Auditors	75	65	90	2.3
Claims Examiner	25	15	30	0.8
Underwriter	30	10	50	0.9
All Other Professional Workers	325	N/A		10.0
<u>TECHNICAL OCCUPATIONS</u>	<u>35</u>			<u>1.1</u>
<u>CLERICAL OCCUPATIONS</u>	<u>1765</u>			<u>54.1</u>
Accounting Clerk	70	50	90	2.1
Claims Clerk	35	35	40	1.1
File Clerk	55	40	65	1.7
General Clerk	220	200	235	6.7
Keypunch Operator	165	150	180	5.1
Office Machine Operators, All Other	90	80	105	2.8
Policy Change Clerk	70	50	90	2.1
Secretary	155	135	170	4.7
Switchboard Operator & Receptionist	25	20	30	0.8
Typist	90	65	125	2.8
All Other Clerical Workers	790	N/A		24.2

OCCUPATION	JUNE 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
<u>SALES OCCUPATIONS</u>	<u>475</u>			<u>14.6</u>
Salespersons, Insurance	475	345	605	14.6
<u>MAINTENANCE OCCUPATIONS</u>	<u>25</u>			<u>0.8</u>
Maintenance Workers	25	20	30	0.8
<u>SERVICE OCCUPATIONS</u>	<u>260</u>			<u>8.0</u>
Guards & Watchmen	30	25	40	0.9
Janitors, Porters & Cleaners	45	40	50	1.4
All Other Service Workers	185	170	200	5.7

OCCUPATIONAL EMPLOYMENT IN INDIANA'S INSURANCE AGENTS, BROKERS & SERVICE SIC - 64

This major group comprises agents and brokers dealing in insurance, and also organizations offering services to insurance companies and to policyholders.

An estimated 6410 employees work as insurance agents, brokers, and in organizations servicing this industry. This constitutes 6.1 per cent of all finance, insurance, and real estate employment in the State as of June 1973. Fifteen hundred eight establishments account for the employment in insurance agents, brokers, and service companies. Over the past decade employment in this sector of the State economy has increased 49.8 per cent, as compared to a 44.4 per cent rise for all finance, insurance, and real estate industries for the same period.

OCCUPATION	JUNE 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	6410			100.0
<u>MANAGERS & OFFICERS</u>	<u>765</u>			<u>11.9</u>
Manager, Insurance Office	635	575	695	9.9
All Other Managers	130	115	150	2.0
<u>PROFESSIONAL & TECHNICAL OCCUPATIONS</u>	<u>915</u>			<u>14.3</u>
Accountants & Auditors	75	55	90	1.2
Claims Examiner	45	35	55	0.7
Safety Person	40	30	50	0.6
Underwriter	250	210	290	3.9
All Other Professional Workers	450	N/A		7.0
All Technicians	55	N/A		0.9
<u>CLERICAL OCCUPATIONS</u>	<u>3295</u>			<u>51.4</u>
Clerks, All Office	1330			20.8
Clerk, Accounting	(205)	175	230	(3.2)
Clerk, Claims	(210)	180	235	(3.3)
Clerk, File	(120)	110	135	(1.9)
Clerk, General	(690)	575	800	(10.8)
Clerk, Policy Change	(105)	80	130	(1.6)
Keypunch Operator	25	15	35	0.4
Office Machine Operator, All Other	150	N/A		2.3
Secretary	365	310	425	5.7
Switchboard Operator & Receptionist	190	155	230	3.0
Typist	330	285	370	5.1
All Other Clerical Workers	905	N/A		14.1

OCCUPATION	JUNE 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
<u>SALES OCCUPATIONS</u>	<u>1400</u>			<u>21.8</u>
Placer	65	15	115	1.0
Salespersons, Insurance	1310	1205	1415	20.4
All Other Salespersons	25		N/A	0.4
<u>SERVICE OCCUPATIONS</u>	<u>35</u>			<u>0.5</u>
Janitors, Porters, & Cleaners	35	20	50	0.5

OCCUPATIONAL EMPLOYMENT IN INDIANA'S OPERATIVE BUILDERS SIC - 656

Builders primarily engaged in construction for sale on their own account rather than as contractors.

An estimated 1745 employees work in the operative builders industry. This constitutes 2.1 per cent of all finance, insurance, and real estate employment in the State as of April 1973. One hundred ninety-four establishments account for the employment in operative builder companies. Over the past decade employment in this sector of the State economy has increased 43.8 per cent, as compared with a 44.4 per cent rise for all finance, insurance, and real estate industries for the same period.

OCCUPATION	APRIL 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	1745			100.0
<u>MANAGERS & OFFICERS</u>	<u>320</u>			<u>18.4</u>
Property Manager	155	110	200	8.9
All Other Managers	165	N/A		9.5
<u>PROFESSIONAL & TECHNICAL OCCUPATIONS</u>	<u>85</u>			<u>4.8</u>
Accountants & Auditors	30	20	35	1.7
Purchasing Agent/Buyer	20	15	25	1.1
All Other Professional Workers	15	N/A		0.9
All Technicians	20	N/A		1.1
<u>CLERICAL OCCUPATIONS</u>	<u>225</u>			<u>12.9</u>
General Clerk	45	20	75	2.6
Secretary	105	70	135	6.0
All Other Clerical Workers	75	N/A		4.3
<u>SALES OCCUPATIONS</u>	<u>240</u>			<u>13.8</u>
Real Estate Broker	40	20	60	2.3
Salespersons, Real Estate	165	115	215	9.5
All Other Salespersons	35	N/A		2.0
<u>OPERATION & MAINTENANCE OCCUPATIONS</u>	<u>780</u>			<u>44.7</u>
Foreman, Maintenance & Production	60	45	75	3.4
Carpenter	170	125	215	9.7
Maintenance Worker, General Utility	65	30	105	3.7

OCCUPATION	APRIL 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
<u>OPERATION & MAINTENANCE</u>				
<u>OCCUPATIONS (Continued)</u>				
Painter	40	30	50	2.3
Plumber/Pipefitter	30	25	35	1.7
All Other Skilled Workers	45	N/A		2.6
All Other Semi-Skilled Workers	130	N/A		7.5
All Other Unskilled Workers	240	N/A		13.8
<u>SERVICE OCCUPATIONS</u>	<u>95</u>			<u>5.5</u>
Janitors, Porters & Cleaners	55	30	75	3.2
All Other Service Workers	40	N/A		2.3

OCCUPATIONAL EMPLOYMENT IN INDIANA'S
HOTELS, TOURIST COURTS, MOTELS & PRIVATE LODGING
SIC 701 & 704

This major group includes commercial and institutional establishments engaged in furnishing lodging and meals on a fee bases excluding rooming houses, boarding houses, trailer parks and camps.

An estimated 13,780 employees work in the hotel, tourist court, motel, and private lodging industries. This constitutes 9.8 per cent of all services employment in the State as of April 1973. Six hundred eighty-nine establishments account for the employment in hotels, tourist courts, motels, and private lodging. Over the past decade employment in this sector of the State economy has increased 41.5 per cent as compared to an 88.2 per cent rise for all services industries.

OCCUPATION	APRIL 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	13780			100.0
<u>MANAGERS AND OFFICERS</u>	<u>530</u>			<u>3.9</u>
Director, Food & Beverage	200	180	225	1.5
All Other Managers	330	N/A		2.4
<u>PROFESSIONAL OCCUPATIONS</u>	<u>270</u>			<u>2.0</u>
Accountants & Auditors	55	40	65	0.4
Musician, Instrument	65	45	85	0.5
All Other Professional Workers	150	N/A		1.1
<u>CLERICAL OCCUPATIONS</u>	<u>1785</u>			<u>13.0</u>
Accounting Clerk	45	35	55	0.3
Bookkeeper, Hand	55	40	65	0.4
Cashier	120	95	140	0.9
Desk Clerk	1175	1100	1255	8.5
General Clerk	70	60	85	0.5
Secretary	90	80	100	0.7
Switchboard Operator	125	105	145	0.9
All Other Clerical Workers	105	N/A		0.8
<u>SALES OCCUPATIONS</u>	<u>50</u>			<u>0.4</u>
Salespersons	35	30	40	0.3
All Other Sales Occupations	15	N/A		0.1
<u>OPERATION & MAINTENANCE OCCUPATIONS</u>	<u>835</u>			<u>6.0</u>
Laundry Operator	210	185	235	1.5

OCCUPATION	APRIL 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
<u>OPERATION & MAINTENANCE</u>				
<u>OCCUPATIONS</u>				
Machine Pressor, Laundry	45	30	60	0.3
Maintenance Worker, General				
Utility	265	235	295	1.9
Washer, Machine & Starcher	80	60	100	0.6
All Other Skilled Workers	60	N/A		0.4
All Other Unskilled Workers	175	N/A		1.3
<u>SERVICE OCCUPATIONS</u>				
	<u>10310</u>			<u>74.8</u>
Foreman, Nonworking Service	135	115	155	1.0
Food Preparation Service Workers	3185			23.2
Baker, Bread	(50)	30	65	(0.4)
Bartender	(550)	505	595	(4.0)
Cook	(830)	755	910	(6.0)
Kitchen Helper	(615)	570	665	(4.5)
Pantryman	(255)	235	275	(1.9)
All Other Food Service Workers	(885)	N/A		(6.4)
Bellman, Baggage Porter	285	250	320	2.1
Groundskeeper	145	120	165	1.0
Guards & Watchmen	75	60	90	0.5
Hostess	300	280	320	2.2
Housekeeper	295	270	320	2.1
Houseman	295	265	325	2.1
Maid	2850	2715	2990	20.7
Waiter or Waitress	2650	2545	2780	19.3
All Other Service Workers	85	N/A		0.6

OCCUPATIONAL EMPLOYMENT IN INDIANA'S FUNERAL SERVICE AND CREMATORIES SIC - 726

*Establishments primarily engaged in preparing the dead for
burial, conducting funerals and cremating the dead.*

An estimated 1960 employees work in the funeral service and crematory industry. This constitutes 12 per cent of all services employment in the State as of April 1973. Four hundred twenty-seven establishments account for the employment in funeral services and crematories. Over the past decade employment in this sector of the State economy has increased 37.1 per cent, as compared to an 88.2 per cent rise for all services industries.

OCCUPATION	APRIL 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	1960			100.0
<u>MANAGERS & PROFESSIONAL OCCUPATIONS</u>	<u>1110</u>			<u>56.6</u>
Accountants & Auditors	20	15	30	1.0
Embalmer	340	305	375	17.3
Funeral Director	625	580	670	31.9
Lady Attendant	105	80	130	5.4
Musician, Instrument	20	15	25	1.0
<u>CLERICAL OCCUPATIONS</u>	<u>200</u>			<u>10.3</u>
Bookkeeper, Hand	35	20	50	1.8
General Clerk	80	60	100	4.1
Receptionist	45	35	50	2.3
Secretary	25	15	35	1.3
All Other Clerical Workers	15	10	20	0.8
<u>MAINTENANCE OCCUPATIONS</u>	<u>55</u>			<u>2.8</u>
Maintenance Worker, General				
Utility	25	15	35	1.3
All Other Maintenance Workers	30	N/A		1.5
<u>SERVICE OCCUPATIONS</u>	<u>595</u>			<u>30.5</u>
Chauffeur, Funeral	110	85	135	5.6
Funeral Attendant	305	270	340	15.6
Groundskeeper	15	10	20	0.8
Guards & Watchmen	45	35	50	2.3
Janitors, Porters, & Cleaners	105	85	125	5.4
All Other Service Workers	15	10	20	0.8

**OCCUPATIONAL EMPLOYMENT IN INDIANA'S
ADVERTISING COMPANIES SIC - 731**

Establishments primarily engaged in furnishing advertising services.

An estimated 1600 employees work in the advertising industry. This constitutes 1.2 per cent of all services employment in the State as of May 1973. Two hundred establishments account for employment in advertising companies. Over the past decade employment in this sector of the State economy has increased 33.6 per cent, as compared to an 88.2 per cent rise for all service industries.

OCCUPATION	MAY 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	1600			100.0
<u>MANAGERS & PROFESSIONAL OCCUPATIONS</u>	<u>630</u>			<u>39.8</u>
Commercial Artist	175	155	200	10.9
Editor/Writer	75	60	85	4.7
Managers & Officers	305	280	330	19.1
Media Analyst	15	10	20	0.9
Media Buyer	35	25	45	2.2
Purchasing Agent/Buyer	15	10	20	0.9
All Other Professional Workers	10	N/A		0.6
<u>CLERICAL OCCUPATIONS</u>	<u>565</u>			<u>35.3</u>
Bookkeeper, Hand	20	15	30	1.3
Estimator/Media Clerk	15	10	25	0.9
File Clerk	15	10	20	0.9
General Clerk	240	210	270	15.0
Production Clerk	75	60	85	4.7
Receptionist	75	60	85	4.7
Secretary	35	25	45	2.2
All Other Clerical Workers	90	N/A		5.6
<u>SALES OCCUPATIONS</u>	<u>180</u>			<u>11.2</u>
Account Executive	170	155	190	10.6
All Other Salespersons	10	N/A		0.6
<u>OPERATION & MAINTENANCE OCCUPATIONS</u>	<u>225</u>			<u>14.1</u>
Billposter	100	55	145	6.3
Sign Erector	55	35	75	3.4

<u>OCCUPATION</u>	<u>MAY 1973 EMPLOYMENT</u>	<u>RANGE OF ACCURACY</u>	<u>PER CENT OF TOTAL</u>
<u>OPERATION & MAINTENANCE</u>			
<u>OCCUPATIONS (Continued)</u>			
All Other Skilled Workers	40	N/A	2.5
All Semi-Skilled Workers	10	N/A	0.6
All Unskilled Workers	20	N/A	1.3

OCCUPATIONAL EMPLOYMENT IN INDIANA'S CREDIT REPORTING & COLLECTION AGENCIES SIC 732

Mercantile and consumer credit reporting bureaus and privately operated collection or adjustment agencies.

An estimated 1465 employees work in the credit reporting and collection agency industry. This constitutes 1.0 per cent of all services employment in the State as of May 1973. One hundred sixty-nine establishments account for the employment in credit reporting and collection agencies. Over the past decade employment in this sector of the State economy has increased 13.4 per cent, as compared to an 88.2 per cent rise for all service industries.

OCCUPATION	MAY 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	1465			100.0
<u>MANAGERS & PROFESSIONAL</u>				
<u>OCCUPATIONS</u>	<u>205</u>			<u>14.0</u>
Managers & Officers	190	170	215	13.0
All Professional Workers	15	N/A		1.0
<u>CLERICAL OCCUPATIONS</u>				
<u>OCCUPATIONS</u>	<u>1220</u>			<u>83.2</u>
Clerical Supervisor	20	15	30	1.4
Bookkeeper, Hand	40	25	50	2.7
Call Out Operator	105	80	125	7.2
Collector	330	275	380	22.5
Credit Reporter	150	115	180	10.2
File Clerk	45	30	60	3.1
General Clerk	150	120	180	10.2
Infile Operator	215	175	250	14.7
Switchboard Operator & Receptionist	25	20	35	1.7
Typist	100	75	125	6.8
All Other Clerical Workers	40	N/A		2.7
<u>SALES OCCUPATIONS</u>				
<u>OCCUPATIONS</u>	<u>35</u>			<u>2.4</u>
Salespersons	35	25	40	2.4
<u>SERVICE OCCUPATIONS</u>				
<u>OCCUPATIONS</u>	<u>5</u>			<u>0.3</u>
Service Workers	5	N/A		0.3

**OCCUPATIONAL EMPLOYMENT IN INDIANA'S
MOTION PICTURE THEATRES SIC - 783**

*Commercially operated theaters primarily engaged in the
exhibition of motion pictures.*

An estimated 3525 employees work in the motion picture theater industries. This constitutes 2.3 per cent of all services employment in the State as of May 1973. Two hundred forty-two establishments account for the employment in motion picture theaters. Over the past decade employment in this sector of the State economy has increased 21.1 per cent, as compared to an 88.2 per cent rise for all services industries.

OCCUPATION	MAY 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	3525			100.0
<u>MANAGERS & PROFESSIONAL</u>				
<u>OCCUPATIONS</u>	400			11.4
Managers & Officers	365	340	390	10.4
All Professional Workers	35	N/A		1.0
<u>CLERICAL & SALES OCCUPATIONS</u>				
<u>OCCUPATIONS</u>	785			22.3
Cashier	525	470	575	14.9
General Clerk	25	15	35	0.7
All Other Clerical Workers	25	N/A		0.7
Sales Clerk	210	155	265	6.0
<u>OPERATION OCCUPATIONS</u>				
<u>OCCUPATIONS</u>	495			14.0
Motion Picture Projectionist	495	440	555	14.0
<u>SERVICE OCCUPATIONS</u>				
<u>OCCUPATIONS</u>	1845			52.3
Food Service Workers	765	675	855	21.7
Janitors Porters & Cleaners	410	375	445	11.6
Usher, Lobby Person	670	615	725	19.0

OCCUPATIONAL EMPLOYMENT IN INDIANA'S BOWLING ALLEYS & BILLIARD ESTABLISHMENTS SIC - 793

*Establishments known to the public as billard and pool parlors
and bowling alleys or lanes.*

An estimated 2370 employees work in the bowling alley and billiard establishment industries. This constitutes 1.8 per cent of all services employment in the State as of April 1973. Two hundred sixty-two establishments account for the employment in bowling alleys and billiard establishments. Over the past decade employment in this sector of the State economy has increased 3.7 per cent, as compared to an 88.2 per cent rise for all services industries.

OCCUPATION	APRIL 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	2370			100.0
<u>MANAGERS & PROFESSIONAL</u>				
<u>OCCUPATIONS</u>	<u>205</u>			<u>12.0</u>
Managers & Officers	215	170	260	9.1
Sports Instructor	60	45	75	2.5
All Other Professional Occupations	10	N/A		0.4
<u>CLERICAL OCCUPATIONS</u>				
<u>OCCUPATIONS</u>	<u>620</u>			<u>26.2</u>
Bookkeeper, Hand	45	25	60	1.9
Deskworker, Bowling Floor	535	490	580	22.6
General Clerk	30	25	40	1.3
All Other Clerical Workers	10	N/A		0.4
<u>OPERATION & MAINTENANCE OCCUPATIONS</u>				
<u>OCCUPATIONS</u>	<u>525</u>			<u>22.2</u>
Maintenance Worker, General Utility	95	50	140	4.0
Pin Chaser	235	210	265	9.9
Pinsetter, Mechanic	170	150	185	7.2
All Other Unskilled Workers	25	N/A		1.1
<u>SERVICE OCCUPATIONS</u>				
<u>OCCUPATIONS</u>	<u>940</u>			<u>39.7</u>
Bartender	35	25	40	1.5
Cook	205	180	235	8.7
Kitchen Helper	35	25	40	1.5
Janitors, Porters & Cleaners	290	265	315	12.2
Waiter or Waitress	340	295	385	14.3
All Other Service Workers	35	N/A		1.5

OCCUPATIONAL EMPLOYMENT IN INDIANA'S SPORTS PROMOTERS & MISCELLANEOUS RECREATION SIC - 794

Promoters and operators of a variety of sports, amusement and recreational clubs or facilities, including race tracks, golf courses.

An estimated 5275 employees work in the sports promotion and recreation services industry. This constitutes 3.0 per cent of all services employment in the State as of April 1973. Five hundred ninety-nine establishments account for the employment of sports promoters and recreation services. Over the past decade employment in this sector of the State economy has increased 75.3 per cent, as compared to an 88.2 per cent rise for all services industries.

OCCUPATION	APRIL 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	5275			100.0
<u>MANAGERS & TECHNICAL</u>				
<u>OCCUPATIONS</u>	<u>355</u>			<u>6.7</u>
Managers & Officers	335	280	385	6.3
Technical Occupations	20	N/A		0.4
<u>PROFESSIONAL OCCUPATIONS</u>				
<u>OCCUPATIONS</u>	<u>400</u>			<u>7.6</u>
Accountants & Auditors	40	30	45	0.8
Group or Recreation Worker	125	95	155	2.4
Sports Instructor	145	105	185	2.7
All Other Professional Workers	90	N/A		1.7
<u>CLERICAL & SALES OCCUPATIONS</u>				
<u>OCCUPATIONS</u>	<u>560</u>			<u>10.7</u>
Bookkeeper, Hand	35	25	45	0.7
Cashier	75	50	100	1.4
General Clerk	85	65	100	1.6
Secretary	30	20	40	0.6
Switchboard Operator & Receptionist	40	25	55	0.8
All Other Clerical Workers	90	75	100	1.7
All Salespersons	205	150	265	3.9
<u>OPERATION & MAINTENANCE</u>				
<u>OCCUPATIONS</u>	<u>505</u>			<u>9.6</u>
All Mechanics	35	N/A		0.7
Maintenance Worker, General Utility	160	130	195	3.0
Parking Lot Attendant	40	25	55	0.8

OCCUPATION	APRIL 1975 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
<u>OPERATION & MAINTENANCE</u>				
<u>OCCUPATIONS (Continued)</u>				
All Other Skilled Workers	15	N/A		0.3
All Other Semi-Skilled Workers	70	N/A		1.3
All Other Unskilled Workers	185	N/A		3.5
<u>SERVICE OCCUPATIONS</u>	<u>3455</u>			<u>65.5</u>
Foreman, Nonworking Service	55	40	65	1.0
Cook	285	265	310	5.4
Food Service Workers, All Other	290	N/A		5.5
Groundskeeper	605	535	675	11.5
Guards & Watchmen	135	100	170	2.6
Janitors, Porters & Cleaners	265	225	300	5.0
Kitchen Helper	360	325	395	6.7
Recreation Facility Attendant	55	40	70	1.0
Ride Operator	110	75	145	2.1
Usher, Lobby Person	95	60	130	1.8
Walter or Waitress	1100	1020	1180	20.9
All Other Service Workers	100	N/A		1.9

OCCUPATIONAL EMPLOYMENT IN INDIANA'S CHARITABLE ORGANIZATIONS SIC - 867

*Establishments providing charitable
services.*

An estimated 7060 employees work in the charitable organization industry. This constitutes 3.4 per cent of all services employment in the State as of April 1973. Two hundred fifty-two establishments account for the employment in charitable organizations.

OCCUPATION	APRIL 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
TOTAL	7060			100.0
<u>MANAGERS & OFFICERS</u>	<u>585</u>			<u>8.3</u>
Community Organization Director	270	240	305	3.8
All Other Managers	315	N/A		4.5
<u>PROFESSIONAL & TECHNICAL OCCUPATIONS</u>	<u>1940</u>			<u>27.5</u>
Caseworker	405	340	465	5.7
Nurse, Professional	505	470	535	7.2
All Other Professional Workers	765	N/A		10.8
Technical Occupations	265	N/A		3.8
<u>CLERICAL OCCUPATIONS</u>	<u>720</u>			<u>10.3</u>
Accounting Clerk	25	20	30	0.4
Bookkeeper, Hand	90	80	100	1.3
Cashier	35	35	40	0.5
General Clerk	80	60	95	1.1
Receptionist	55	45	60	0.8
Secretary	180	160	205	2.6
Switchboard Operator & Receptionist	65	50	75	0.9
Typist	65	45	80	0.9
All Other Clerical Workers	125	N/A		1.8
<u>SALES OCCUPATIONS</u>	<u>190</u>			<u>2.7</u>
Salespersons	15	15	20	0.2
Sales Clerks	175	140	210	2.5
<u>OPERATION & MAINTENANCE OCCUPATIONS</u>	<u>1290</u>			<u>18.3</u>
Maintenance Worker, General Utility	100	90	115	1.4
Truck Drivers	160	135	185	2.3
All Other Skilled Workers	40	N/A		0.6
All Other Semi-Skilled Workers	270	N/A		3.8
All Other Unskilled Workers	720	N/A		10.2

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OCCUPATION	APRIL 1973 EMPLOYMENT	RANGE OF ACCURACY		PER CENT OF TOTAL
<u>SERVICE OCCUPATIONS</u>	<u>2335</u>			<u>33.0</u>
Foreman, Nonworking Service	45	40	50	0.6
Food Service Workers	835	795	880	11.8
Guards & Watchmen	30	25	35	0.4
Janitors, Porters & Cleaners	430	400	460	6.1
All Other Service Workers	995	N/A		14.1

METHODOLOGY

This survey was conducted in accordance with procedures developed by the Manpower Administration, the Bureau of Labor Statistics, and the states participating in the Occupational Employment Statistics program since its inception.

The Survey

This survey covered the nonmanufacturing employers in the State. Criteria used for selecting the sample, making the estimates, and the final publication are included in the OCCUPATIONAL EMPLOYMENT STATISTICS SURVEY OPERATIONS MANUAL, 1st Edition.

In Indiana 5,920 units were selected from a total of 17,182 establishments covered by this survey and represented 34.5 per cent of the total. These establishments had 192,294 workers, or 67.7 per cent of the 284,020 workers in these nonmanufacturing industries in the State.

Questionnaire Design

Questionnaires were designed for each of 73 different industry groups or subgroups to include occupations appropriate to the industry. Usable responses were received from 3,917 establishments, 66.2 per cent of those in the sample, and represented 124,235 persons employed, 64.6 per cent of the employment in the sample.

Accuracy of Survey Responses

The completed questionnaires were reviewed for reported employment, staffing patterns, and occupations listed. Where discrepancies were noted, respondents were contacted to clarify the differences.

Occupational Employment Estimating Procedures

The responses were grouped into seven employment sizes for each of the three-digit industries in the survey. Each size group within an industry was reviewed to determine if the responses represented a statistically sufficient percentage of the total. In some instances it was necessary to combine size groups within an industry to insure sufficient response. These size groups were then blown up to the total of that size group of the industry in the State.

Accuracy of Occupational Employment Data

Because of such factors as inadequate sampling, small number of responses, changes in employment, some industries were determined to have insufficient occupational data for publication. For those industries for which sufficient data were collected, the possibility of error in the estimates exist because of the use of a sample rather than surveying all establishments. Thus, the range of accuracy means that the chances are two out of three (a 68 per cent confidence level) that results of a total survey of all establishments would produce estimates that would not differ more than those shown in the ranges.

To emphasize that these are employment estimates, the figures have been rounded. Due to rounding, the per cent of the employment in occupations of the industry may not always total 100 per cent.